

R E M A R K S

Claims 1-18 are pending in the application. Applicants amend claim 1 for further clarification. No new matter has been added.

The Examiner objected to claim 1 for an apparent informality, which Applicants have corrected by amendment. Accordingly, Applicants respectfully request that the Examiner withdraw the objection.

Claims 11-12, 14-15, and 17-18 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication No. 2005/0262542 to DeWeese et al. Applicants respectfully traverse the rejection.

The Examiner maintained, in an Advisory Action, that DeWeese et al. disclose the main features of the claimed invention. Once again, the cited portions of DeWeese et al. only include description of a television chat system that allows users at user television equipment to conduct chat while a television program is concurrently displayed. The chat session is maintained, and the “comments” are saved, on a chat server—i.e., the clients communicate with the chat server for sending in chat “comments” while viewing the program. Thus, DeWeese et al., as cited and relied upon by the Examiner, at most, describe a chat server receiving “comments” from clients, and saving such comments in association with portions of programs corresponding to when the “comments” are received. And DeWeese et al. do not disclose each client obtaining and updating a multimedia electronic tag, “in which display of a comment and attribute data thereof and comment input in tree-shape structure is possible for each scene of multimedia data.”

Again, the objective of the technique described in DeWeese et al. is for viewers to engage in real-time chat communication with other viewers while watching TV programs broadcasted according to a schedule. In DeWeese et al., a chat server and TV program guides are linked to provide information on programs, such as broadcast times and the times

at which comments on programs are sent to the chat server. Thus, the selection of viewing time and corresponding chat is limited to broadcast times of the programs. In addition, although the real-time chat described in the cited portions of DeWeese et al. includes separate chats for different topics or segments associated with a broadcast program, the chat is limited to real-time input to the chat server and later viewing of chat content associated with the program. Thus, DeWeese et al., as cited and relied upon by the Examiner, at most, describe a chat server maintaining a real-time chat, and do not disclose any data hierarchical structure or tag for the TV program guides and the information in the chat server for clients to obtain and edit/update in exchanging comments on particular scenes of a program.

In other words, DeWeese et al., as cited and relied upon by the Examiner, do not disclose,

“[a] client, comprising:
a communication unit transmitting/receiving data
to/from a server or each client through a network; and
a multimedia electronic tag editing unit displaying a
comment with attribute data attached to each scene of
multimedia data corresponding to a multimedia electronic tag,
using the multimedia electronic tag obtained from a server or
another client, and simultaneously enabling a comment to be
inputted to an arbitrary scene or a comment and updating the
content of the multimedia electronic tag, based on the input,
wherein
said multimedia electronic tag includes text data, and
said multimedia electronic tag is added with the
multimedia data, which includes audio data and video data,” as
recited in claim 11. (Emphasis added)

Advantageously, the claimed invention provides for users to watch programs off-line on demand, and exchanging comments on particular scenes by obtaining a multimedia electronic tag, viewing and inputting comments associated with the viewed particular scenes, and updating the multimedia electronic tag, thereby enabling collaborative work on multimedia content.

Accordingly, Applicants respectfully submit that claim 11, together with claim 12

dependent therefrom, is patentable over DeWeese et al. for at least the foregoing reasons.

Claims 14 and 17 incorporate features that correspond to those of claim 11 cited above, and are, therefore, together with claims 15 and 18 dependent therefrom, respectively, patentable over DeWeese et al. for at least the same reasons.

Claim 1-5, 7-9, 13, and 16 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over DeWeese et al. in view of U.S. Patent Application Publication No. 2002/0085713 to Feig et al.; claim 6 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over DeWeese et al. in view of Feig et al., and further in view of U.S. Patent Application Publication No. 2002/0122060 to Markel et al.; and claim 10 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over DeWeese et al. in view of Feig et al., and further in view of U.S. Patent No. 6,484,196 to Maurille et al. Applicants respectfully traverse the rejections.

Again, the Examiner relied upon Feig et al. as a combining reference to specifically address the feature of dividing multimedia data in terms of time. Thus, the addition of this reference would still have failed to cure the above-described deficiencies of DeWeese et al., even assuming, arguendo, that such an addition would have been obvious to one skilled in the art at the time the claimed invention was made.

Thus, even assuming, arguendo, that it would have been obvious to one skilled in the art at the time the claimed invention was made to combine DeWeese et al. and Feig et al., such a combination would still have failed to disclose or suggest,

“[a] multimedia cooperative work system, comprising:
generating a model of a multimedia electronic tag in
which display of a comment and attribute data thereof and
comment input in tree-shape structure is possible for each
scene of multimedia data, a registration of which is requested
by an arbitrary client in a server and which are obtained
by dividing the multimedia data in terms of time; and

obtaining the multimedia data and corresponding
multimedia electronic tag from the server for exchanging
comments on each scene among a plurality of clients, including
a requesting client requesting the multimedia electronic tag
from the server for updating comments on one or more
scenes, using the obtained multimedia electronic tag, thereby
realizing multimedia cooperative work, wherein
said multimedia electronic tag includes text data, and
said multimedia electronic tag is added with the
multimedia data, which includes audio data and video data," as
recited in claim 1. (Emphasis added)

Again, the claimed invention advantageously provides for users to watch programs off-line on demand, and exchanging comments on particular scenes by obtaining a
multimedia electronic tag, viewing and inputting comments associated with the viewed particular scenes hierarchically, and updating the multimedia electronic tag, thereby enabling collaborative work on multimedia content.

Accordingly, Applicants respectfully submit that claim 1, together with claims 2-5 dependent therefrom, is patentable over DeWeese et al. and Feig et al., separately and in combination, for at least the foregoing reasons. Claims 7-9, 13, and 16 incorporate features that correspond to those of claim 1 cited above, and are, therefore, patentable over the cited references for at least the same reasons. The Examiner further relied upon Markel et al. and Maurille et al. as combining references to specifically address additional features recited in dependent claims 6 and 10. As such, the additions of these references would still have failed to cure the above-described deficiencies of DeWeese et al., even assuming, arguendo, that such additions would have been obvious to one skilled in the art at the time the claimed invention was made. Accordingly, Applicants respectfully submit that claims 6 and 10 are patentable over the cited references for at least the above-described reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully

requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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